

A

BVDV-1 CP7-9A	GUAUACGGG	UAGGGAGG	GUACUAGGA	ACAUATGGG	CACTUAAA	AAAUAAAUAU	AGGCCUAGGG	GACAAAUC	CACUCAAGG	AGGGCGGAAA	98
Oslos	(AU)	GUAUACGGG	AUUUGGAA	ACCUUCGUA	ACAUATGGG	CAUTUCAAA	A..UAAAUAU	AGGCCUAGGG	GACAAAUC	AGGGCGGAAA	93
NADL		GUAUACGGG	AUTUGGAA	GUACUAGGA	ACGUATGGG	CAUTUCAAA	..UAAAUAU	AGGCCUAGGG	AACAAAUC	AGGGCGGAAA	96
CSFV Alfort-T		GUAUACGGG	AUTUGGAA	GUACUAGGA	ACGUATGGG	CAUTUCAAA	..UAAAUAU	UGGUUCAGGG	CAC.....	AGGGCGGAAA	88
Brassia X818		GUAUACGGG	UAGGCUU	GUACUAGGA	ACGUATGGG	GUACUAGGA	..UAAAUAU	UGGUUCAGGG	CCU.....	AGGGCGGAAA	90
BDV X890		GUAUACGGG	GUAGCUCA	GUACUAGGA	ACGUATGGG	ACAUACCAA	A..UCUCAAU	UGGUUCAGGG	CCU.....	CCUUCAGGG	91
BVDV-2 890		GUAUACGGG	GUAGCUAA	GUACUAGGA	GUACUAGGA	GUACUAGGA	..CUCGAAU	GGGUUCAGGG	AC.....	CCUUCAGGG	87
									C	CCUUCAGGG	96
										GGCAACACAG	
										GGAAACCU..U	
										CCUUCAGGG	
										AAGGCCGAAA	

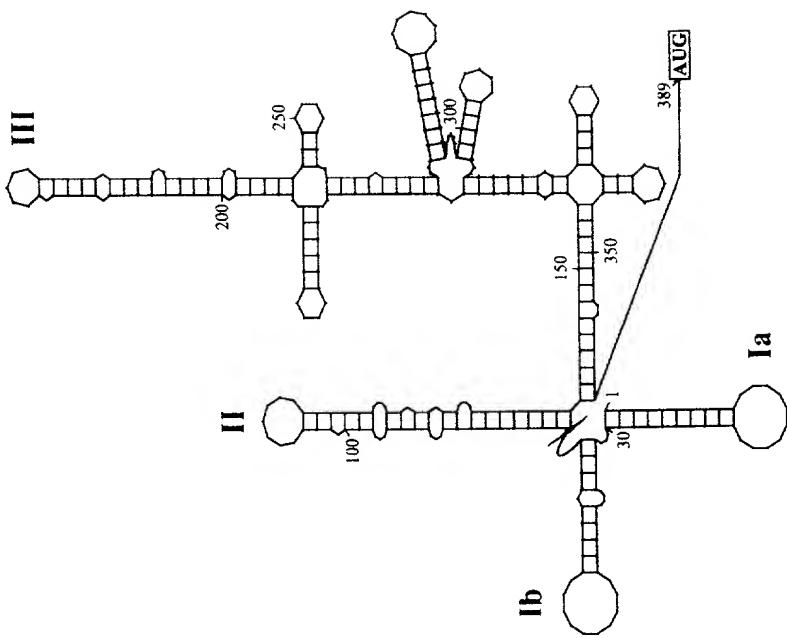
**B**

Figure 1

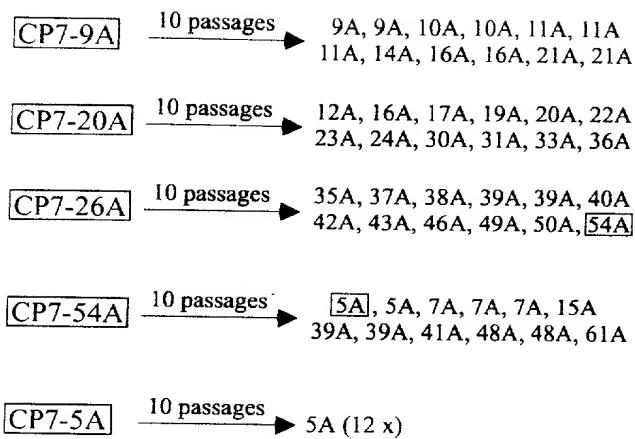


Fig. 2

Figure 3

	IF 24h p.t.	Infectivity (PFU/ μ gRNA)
CP7-5A		6.0×10^5
CP7-9A		5.2×10^5
CP7-20A		4.8×10^5
CP7-26A		4.8×10^5
CP7-54A		8.0×10^4
CP7-T		8.0×10^2

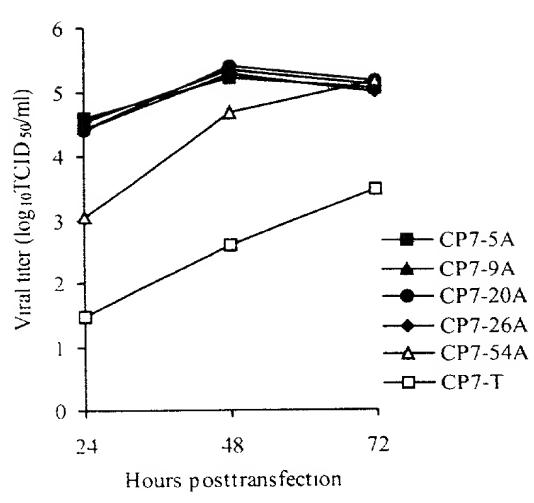
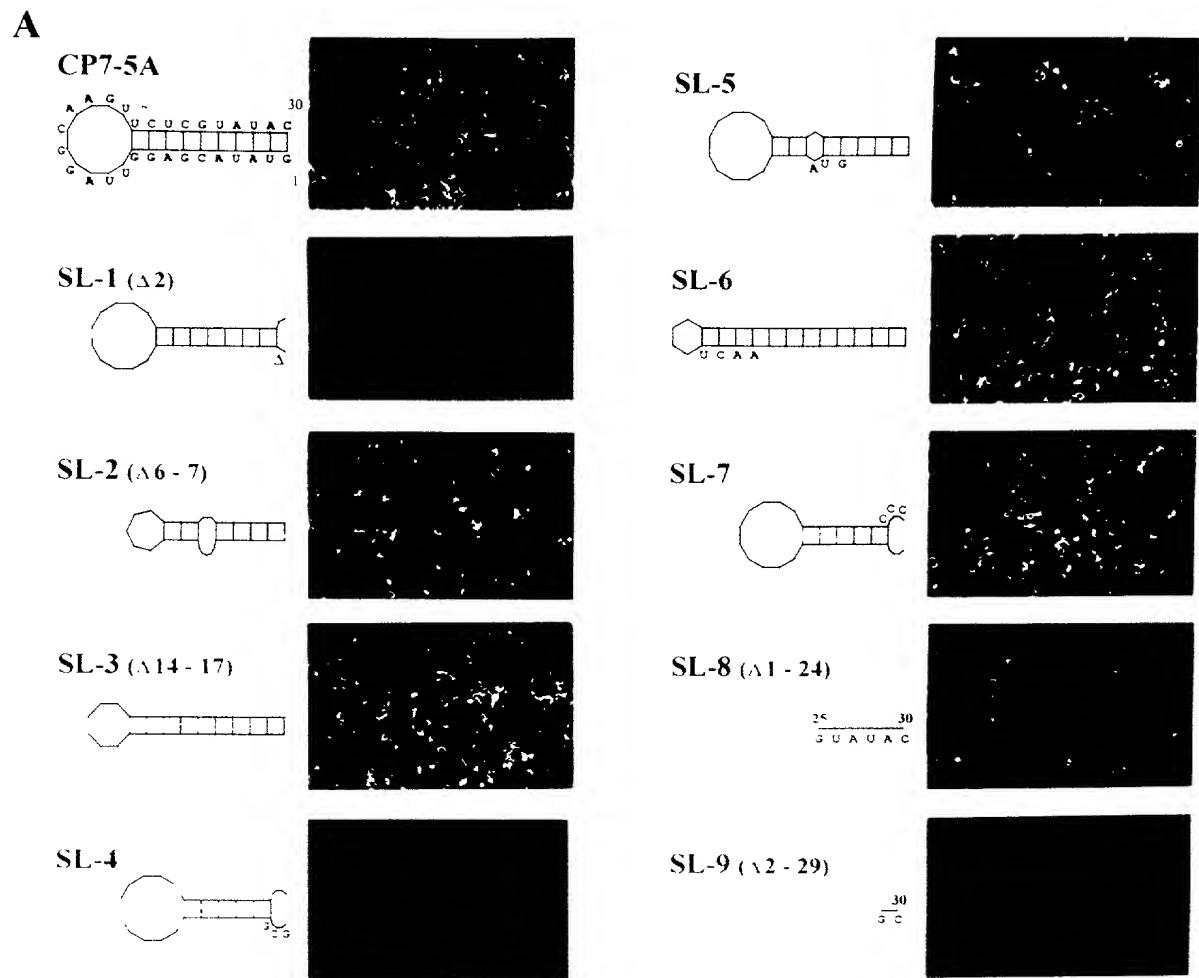


Fig. 4



B

	CP7-5A	SL-1	SL-2	SL-3	SL-4	SL-5	SL-6	SL-7	SL-8	SL-9
Infectivity (PFU/ μ g RNA)	2.4×10^5	4.4×10^1	2.8×10^4	4.0×10^4	< 10	6.0×10^4	6.4×10^4	4.8×10^4	5.2×10^3	6.4×10^2
TCID ₅₀ /ml 24 h p.t.	4.3×10^4	< 10	2.1×10^3	4.8×10^3	< 10	7.1×10^2	5.5×10^3	3.7×10^3	2.1×10^2	< 10
48 h p.t.	1.5×10^7	4.5×10^1	1.3×10^5	7.3×10^4	1.4×10^2	6.6×10^4	1.3×10^5	8.6×10^4	6.3×10^3	4.7×10^2
72 h p.t.	1.3×10^7	2.1×10^2	1.7×10^5	1.3×10^5	4.1×10^2	2.2×10^5	1.5×10^5	1.3×10^5	2.1×10^4	4.2×10^3

Fig. 5

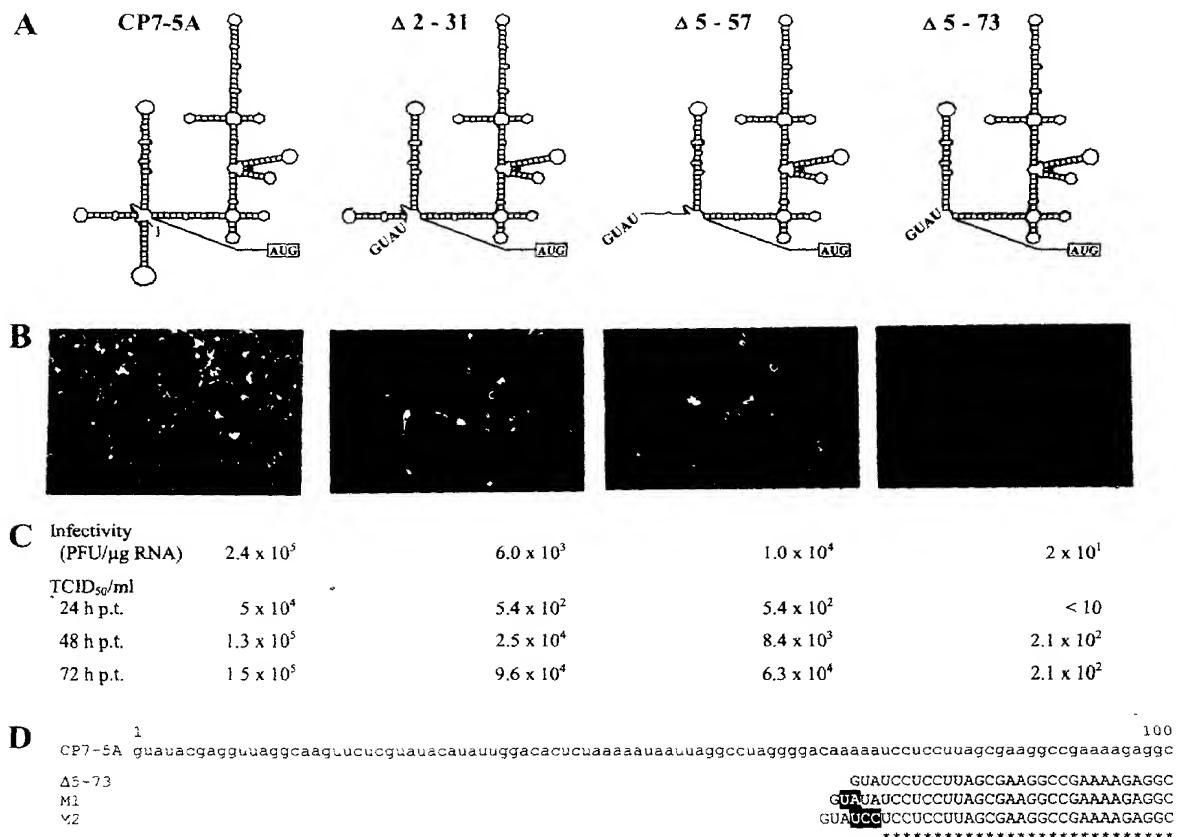


Fig. 6

	CP7-5A	SL-2	SL-3	SL-5	SL-6	SL-7	SL-8	$\Delta 2\text{-}31$	$\Delta 5\text{-}57$
Plaque size (mm)	2.7	1.2	0.7	1.2	0.8	1.4	0.5	0.8	0.8

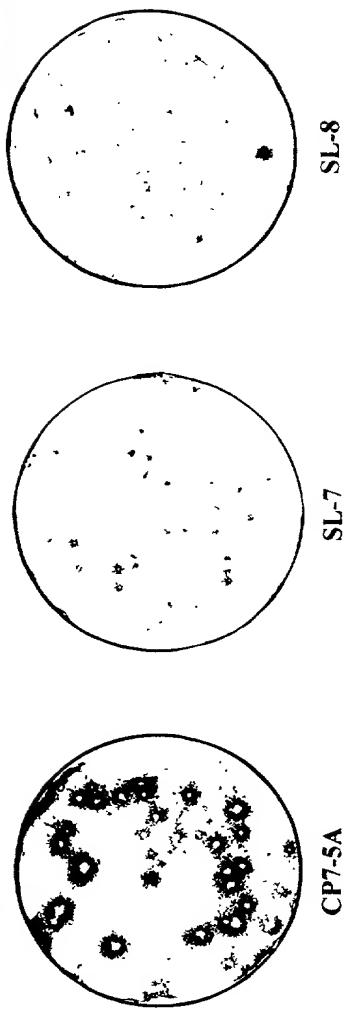
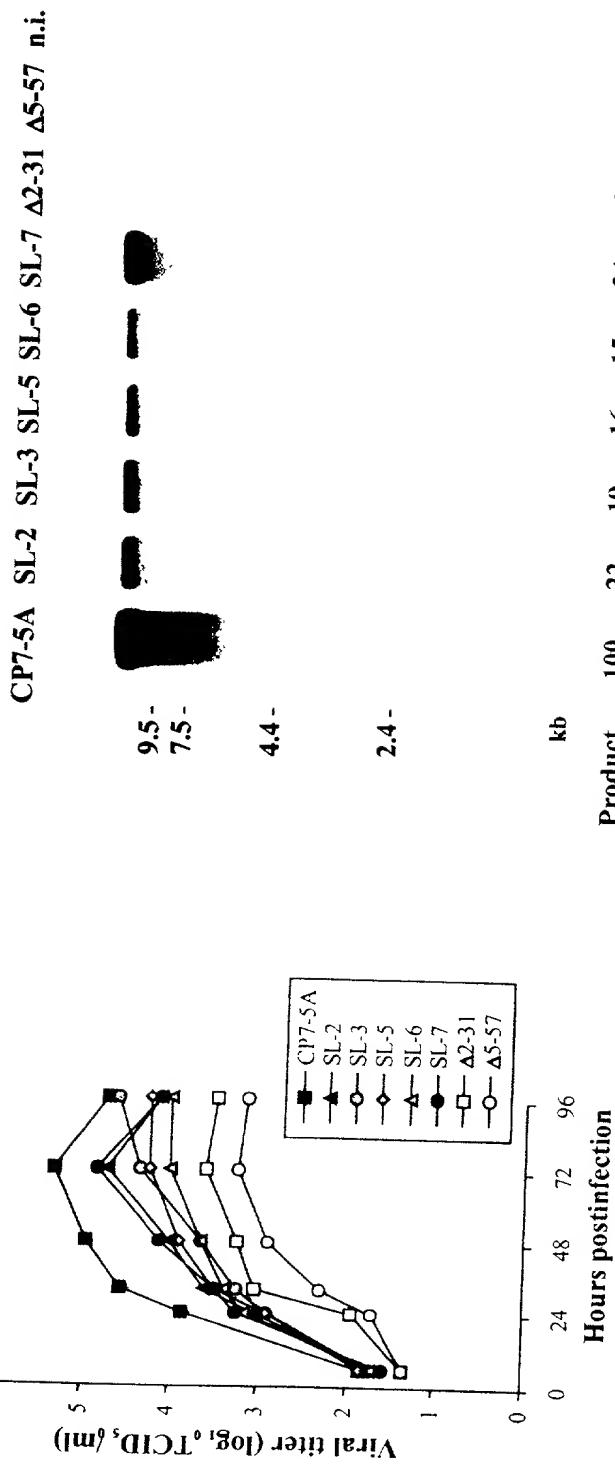


Figure 7

A



B CP7-5A SL-2 SL-3 SL-5 SL-6 SL-7 Δ2-31 Δ5-57 n.i.

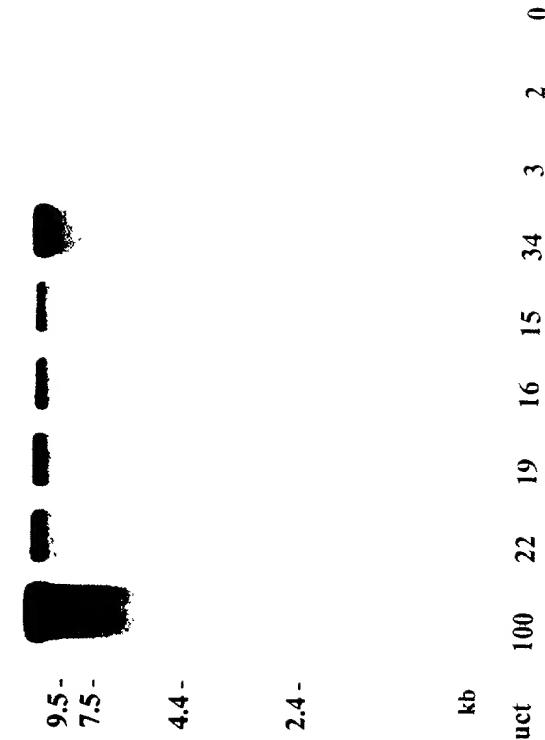


Fig. 8